

CHAPTER 1

GENERAL INFORMATION

A. SCOPE

1. This Manual outlines the DoD Pest Management Training Program. It is not intended to conflict **with**, be used instead **of**, or supersede other DoD training Directives or OPM Qualification Standards. The DoD Pest Management Training Program includes DoD 4150.7-P, as required by **FIFRA** (7 U.S.C. 136 et seq.); 40 C.F.R. Part 171; and 42FR41907 (references (b) through (e)). Report any conflicts to the Armed Forces Pest Management Board (**AFPMB**), Forest Glen **Section**, Walter Reed Army Medical Center, Washington DC 20307-5001.

2. This Manual describes the DoD Pest Management Training Program, except for reference (b). This Manual establishes recommended training to meet pest management requirements.

B. PURPOSE

The purpose of this Manual is to establish training goals, provide a uniform training process, training standards, and procedures to prepare DoD pest management personnel to meet DoD **pest** management policy objectives, as stated in DoD Instruction 4150.7 (reference (a)). This Manual supports DoD policy to maintain **safe, efficient**, and environmentally sound integrated pest management **programs**. It **promotes** prevention and control of pests that may adversely impact readiness or military operations by **affecting** the health of personnel or damaging structures, materiel, and/or property as established under reference (a).

C. DEFINITIONS

See the “Definitions” **section** of this Manual.

D. APPLICABILITY

1. This Manual is the Agency plan for the Department of Defense and applies to DoD employees applying any pesticides on DoD land or property under DoD jurisdiction. In the infrequent instances when DoD employees shall be applying pesticides on other property, they shall work under the supervision of a designated certified pesticide applicator. Terms used in this Manual that are unique to the military pest management program, are defined in the “Definitions” section.

2. This Manual does not apply to pesticide applicators working under the purview of the civil works **functions** of the Department of the Army, facilities occupied by Component activities when real property control is under another Component or Government Agency, and State-owned and State-operated (funded) installations or facilities that the National Guard uses part-time or **full** time.

E. OBJECTIVES

The DoD Pest Management Training and Pesticide Applicator Certification **Program** objectives are to do the following:

1. Promote and support the following:
 - a. Military readiness.
 - b. Installation program planning and maintenance.
 - c. Pollution prevention, conservation of natural resources and environmental compliance.
 - d. IPM.
2. Provide well **trained**, and technically competent pest management personnel.
3. Meet or exceed local, State, and Federal regulatory pesticide applicator **training** requirements.
4. Promote continuing education and professional development of DoD pest management personnel.

F. RESPONSIBILITIES

1. The **AFPMB**, as designated by the Under Secretary of Defense for Acquisition and Technology (**USD** (A&T)) through the Deputy Under Secretary of Defense for Environmental Security (**DUSD** (ES)), in DoD Instruction 4150.7 (reference (a)), has overall responsibility for the following:

- a. Policy guidance, scientific advice and coordination for DoD pest management training and pesticide applicator certification.
- b. Technical guidance for pest management training and the pesticide applicator certification program through the senior consultants of each Component.

2. The Secretaries of the Military Departments and the Heads of the DoD Components, including the Directors of Defense Agencies, in accordance with **reference** (a), shall:

- a. Establish and maintain **training** and pesticide applicator certification programs that conform to policy, procedures, and requirements specified in this Manual. Areas of emphasis shall include **IPM** techniques as a means to reduce pesticide risk (e.g., reduce pesticide use, reduce exposure, and promote environmental compliance); oversight of DoD pest management training; and accurate and complete reporting and **recordkeeping** for pest management training and pesticide applicator certification.

- b. Implement 1PM in Component pest management training.
- c. Designate qualified PMCS to oversee pest management training.
- d. Cooperate with local, State, Federal and host-nation government agencies involved with pest management training and certification of pesticide applicators to meet regulatory requirements.

G. PEST MANAGEMENT PROGRAM PERSONNEL

Civilian and military personnel that require specialized pest management training include the following:

1. PPMPs. PPMPs include DoD **civilian**, DoD contract employees, and military personnel with college degrees in biological or agricultural sciences. They provide technical guidance and program oversight for DoD or Components pest management programs. Certain positions; e.g., **certifying** official, and PMC shall only be filled by **PPMPs**. **PPMPs** shall be certified as “pesticide applicators” if they advise, apply pesticides or recommend pest control measures that involve commercial application of **pesticides**. Military personnel and civilian specialists, as defined in the “Definitions” section of this Manual, **shall** include PMCS, educators, and researchers.

2. Pest Management Coordinators. “Pest management **coordinators**,” designated by the installation commander, provide oversight for pest management **functions** at the installation level. Pest management coordinators shall be certified “pesticide applicators” if their job responsibilities require them to apply or supervise the use of pesticides.

3. Shop Supervisors. Supervisors direct pest management operations at the installation **level**. Supervisors have dual roles with part time responsibilities for both supervision and pesticide application. Supervisors of installation pest management programs shall be DoD-certified pesticide applicators. (See also “Pesticide Applicators” in subsection G.4., below.)

4. Pesticide Applicators. Pesticide applicators, military and civilian, are the working **level** pest management personnel at **military** installations who apply pesticides and **perform** other pest management operations. Pesticide applicators shall be DoD- or **State-certified** pesticide applicators. Pesticide applicators are defined in the “Definitions” section of the Manual.

5. PMQAE. PMQAEs are U.S. Government personnel trained in contract oversight and pest management **operations**. Those inspectors oversee commercial pest control services contract performance to ensure compliance with the contract and all applicable local, State, Federal, or **host-nation** regulations or DoD Regulations.

6. Enlisted Military Personnel (Certified Pesticide Applicators)

a. U.S. Navy Preventive Medicine Technicians. Preventive medicine technicians, NEC 8432, are responsible for the elimination or control of disease vectors and pests detrimental to

health, morale, and habitability of shipboard or deployed environments. **They** may also apply pesticides on shore installations during emergencies. Besides pest **management**, their training in preventive medicine includes quarantine **inspection**, food service sanitation, industrial hygiene, and control of communicable diseases.

b. U.S. Army Preventive Medicine Socialists. Preventive medicine specialists, 91 S, are responsible for the surveillance and control of medically important arthropods-and related pests detrimental to health and morale of **DoD** personnel and installation habitability. Those specialists are trained in industrial hygiene, food service **sanitation**, control of communicable diseases, and pest management.

c. U.S. Air Force Environmental Apprentice and/or Journeyman and/or Craftsman. Air Force personnel, specialty codes **3E433**, **3E453**, and **3E473**, are responsible for pest control. They are specifically trained through the in-residence environmental apprenticeship course, the environmental journeyman correspondence course, and **OJT**. They maybe certified **after** approximately 1 year of **field** experience. Enlisted personnel from other Air Force specialties that apply pesticides as a part of specific duty tasking are required to be DoD-certified pesticide applicators.

6. Reserve Components and Coast Guard. Reserve, National Guard, and Coast Guard personnel involved in the application of pesticides have the same training and certification requirements as the active Component when activated for Federal duty. When not on active Federal duty, those **personnel** must comply with respective Federal and State training and pesticide applicator certification requirements.

7. Foreign National Pest Management Personnel

Foreign national pest management personnel, in the categories described in subsections **E.1.** through **E.4.**, above, hired by the Department of Defense at overseas installations **are trained**, in accordance with this Manual. Frequently, they are employed under a SOFA with the **host**-nation.

H. PROCEDURES

1. General Training Information. DoD pest management training for proper application and use of pesticides is classified into five general types of programs: “**FIFRA** (7 U.S.C. 136 et seq., reference (c)) Pesticide Applicator Training”; “**OCNUS** Non-FIFIL% Pesticide Applicator Training”; “Quality Assurance Evaluator Pest Management Training”; “**DoD** Uniformed Services Operational Pest Management Training and Readiness”; and “Specialized Pest Management Training.” DoD Instruction 4150.7 (reference (a)) requires that all personnel engaged in or supervising pest management **functions** of any **type** are trained in the **safe**, **efficient**, and environmentally sound use of pesticides and 1PM practices.

a. DoD FIFRA (Reference (c)) Pesticide Applicator Certification Training

The DoD **FIFRA** (reference (c)) Pesticide Applicator Certification Training Program is

described in DoD 4150.7-P (reference (b)). Successful completion of training leads to **FIFRA** (reference (c)) pesticide applicator certification. That training may be offered to **non-DoD** employees (e.g. the DoI, the Forest Service, the Coast **Guard**, the VA, and contractor personnel), but does not result in DoD certification. (See Chapter 10., below.)

b. **Non-FIFRA OCONUS Pesticide Applicator Training**

(1) Training and certification of **DoD** pesticide applicators is governed, in accordance with the “DoD **Non-FIFRA** Pesticide Applicator Training and Certification Program” at Appendix D and Chapter 6, below, host-nation FGS, OEBGD, and SOFAS.

(2) **Successful** completion for training may lead to either **FIFRA** (reference (c)) or **Non-FIFRA** pesticide applicator certification. **OCONUS Non-FIFRA** pesticide applicator training is addressed in Chapter 6 and Appendix D, below. **OCONUS FIFRA** (reference (c)) pesticide applicator training is addressed in reference (b) and Chapter 6, below. —

c. **PMQAE Training**. Training is designed to prepare PMQAE’s to effectively evaluate the **performance** of pest management contractors. PMQAE training consists of two elements: general contract administration and pest management training. PMQAE training is addressed in Chapter 4 and Appendix B, below.

d. **Specialized Pest Management Training**. Training such as “**Self-Help**,” “**Maintenance Inspector and/or Facilities Management**,” “**Bird Air Strike Hazard (BASH)**”; etc., may be offered by Components, as needed. Specialized pest management training courses are addressed in Chapter 9, below.

e. **Operational and Readiness Training**. Training (e.g., “**Shipboard Pest Control**” and “**FSTT**”) is designed to prepare uniformed Service members for routine operations, contingency operations, and deployments under conditions of warfare, disaster **relief**, humanitarian assistance, and military operations other than war. “Operational and Readiness Training” is addressed in chapter 5, below.

2. **Training Evaluations**

a. The credibility of a training and certification course depends on the integrity of its evaluation system. To maintain program security and integrity, there must be a controlled evaluation environment and procedures for official evaluation of personnel. Those procedures must ensure complete impartiality and confidentiality, and must be **safeguarded** against misuse or abuse. Methods of evaluation are determined by regulatory and individual course requirements, as addressed in applicable sections of this Manual or Component’s guidance.

b. **The successful** completion of both written and **performance** evaluations should be required to complete pest management training courses leading to pesticide applicator certification. Written and **performance** evaluations may be used in other training to meet requirements.

(1) Written evaluations **measure an** individual's knowledge against the predetermined pest management course objectives for a specific standard. Failure to achieve a passing grade of 70 percent shall result in course **failure**.

(2) Performance evaluations measure a candidate's competence in completing specific pest management course tasks as measured against predetermined standards. Each candidate should be evaluated based on materials and guidance provided. **Performance** evaluations should be conducted on a "pass" or "**fail**" basis.

3. **Training Support Materials**. AFPMB Technical **Information** Memoranda (TIMs), AFPMB Disease Vector Ecology Profiles (DVEPs), similar publications and other technical information and guidance is available from the Defense Pest Management Information and Analysis Center (DPMIAC), Forest Glen **Section, WRAMC**, Washington DC 20307-5001.

4. **Continuing Education**. Continuing education is necessary to maintain **professional** competency. Participation of both certified pesticide applicators and uncertified **personnel** in short courses, State pesticide workshops or seminars, and commercially sponsored meetings should be encouraged by local commands (DoD Instruction 4715.10, reference (f)). Examples of continuing education include DoD-sponsored presentations and workshops, **in-Service** training, industry-sponsored presentations, golf course management workshops, and equipment demonstrations.